

RCRA PRIORITIZATION SYSTEM SCORING SUMMARY

FOR

BENDIX CORPORATION

EPA SITE NUMBER: NJD078⁷~~1~~4433

NJD 078714433

TETEROBORO, NJ

SCORED BY: ROB SAVILL

OF CDM FEDERAL

ORIGINAL RANKING: 11/12/93 LAST RANKING: 11/12/93

GROUNDWATER SCORE : 65.38

SURFACE WATER SCORE: 57.77

AIR ROUTE SCORE : 27.45

ONSITE SCORE : 28.57

MIGRATION SCORE : 47.91

medium
11/93 in RCRIS

EPA ID NO. : NJD07841443
BENDIX CORPORATION

WS-1 GROUNDWATER ROUTE

IS THERE AN OBSERVED RELEASE? Y

ROUTE CHARACTERISTICS

DEPTH TO AQUIFER (FT.) : NA

NET PRECIPITATION (IN.) : NA

PHYSICAL STATE: NA

CONTAINMENT:

WASTE CHARACTERISTICS

CHEMICAL NAME OR WASTE CODE NUMBER: VINYL CHLORIDE

TOXICITY/PERSISTENCE VALUE: 15

QUANTITY KNOWN? YES

CUBIC YARDS OR TONS: 0
DRUMS : 145

TARGETS

GROUNDWATER USE: DRINKING WATER

DISTANCE TO WELL (MILES): 0.4

EPA ID NO. : NJD07841443
BENDIX CORPORATION

WS-2 SURFACE WATER ROUTE

RELEASES

IS THERE AN OBSERVED RELEASE? N

IS THERE A PERMITTED OUTFALL? Y

HAVE THERE BEEN PERMIT VIOLATIONS? N

ROUTE CHARACTERISTICS

FACILITY LOCATION: 100-YEAR FLOOD PLAIN

24-HOUR RAINFALL: 2.5

DISTANCE TO SURFACE WATER (MILES): 0.20

PHYSICAL STATE: LIQUID, GAS, SLUDGE

CONTAINMENT: POOR

WASTE CHARACTERISTICS

CHEMICAL NAME OR WASTE CODE NUMBER: COPPER

TOXICITY/PERSISTENCE VALUE: 18

QUANTITY KNOWN? NO

CUBIC YARDS OR TONS:	0
DRUMS :	0

AMOUNT IS LIKELY TO BE SMALL

TARGETS

SURFACE WATER USE: POSSIBLE DRINKING WATER OR RECREATION

DISTANCE TO INTAKE OR CONTACT POINT (MILES): 0.4

DISTANCE TO SENSITIVE ENVIRONMENT (MILES): 0.4

EPA ID NO. : NJD07841443
BENDIX CORPORATION

WS-3 AIR ROUTE

RELEASES

IS THERE AN OBSERVED, UNPERMITTED, ON-GOING RELEASE? N

DOES THE FACILITY HAVE AN AIR OPERATING PERMIT(S)? Y

HAVE THERE BEEN ANY PERMIT VIOLATIONS OR ODOR COMPLAINTS BY RESIDENTS? Y

CAN CONTAMINANTS MIGRATE INTO AIR? Y

CONTAINMENT: FAIR

WASTE CHARACTERISTICS

CHEMICAL NAME OR WASTE CODE NUMBER: PERCHLOROETHANE

TOXICITY/PERSISTENCE VALUE: 3

QUANTITY KNOWN? NO

CUBIC YARDS OR TONS: 0

DRUMS : 0

AMOUNT IS LIKELY TO BE SMALL

TARGETS

POPULATION: RESIDENCES ARE LOCATED WITHIN FOUR MILES

DISTANCE TO SENSITIVE ENVIRONMENT (MILES): 0.4

EPA ID NO. : NJD07841443
BENDIX CORPORATION

WS-4 ON SITE CONTAMINATION

ACCESS TO SITE: LIMITED ACCESS

IS THERE AN OBSERVED SURFACE SOIL CONTAMINATION? Y

CONTAINMENT: FAIR

WASTE CHARACTERISTICS

CHEMICAL NAME OR WASTE CODE NUMBER: MERCURY

TOXICITY/PERSISTENCE VALUE: 3

TARGETS

DISTANCE TO RESIDENTIAL AREAS (MILES): 0.50

IS THERE AN ON-SITE SENSITIVE ENVIRONMENT: N

RCRA PRIORITIZATION SYSTEM SCORING SUMMARY

FOR
BENDIX CORPORATION
TETERBORO, NJ

EPA SITE NUMBER: NJ D07841443

SCORED BY: NICOLA BIRD
OF COMFEDERAL PROGRAMS CORP.
ON 11/11/93

GROUNDWATER SCORE :

SURFACE WATER SCORE:

AIR ROUTE SCORE :

ONSITE SCORE :

MIGRATION SCORE :

Ref: Draft Environmental Priority Initiative -- Preliminary
Assessment, by COM Federal Programs Corp,
September 18, 1993.

WS-1 GROUNDWATER ROUTE

IS THERE AN OBSERVED RELEASE?

YES

Ref: Part II, Summary # 6, # 5, p. 24

ROUTE CHARACTERISTICS

DEPTH TO AQUIFER (FT.):

< 201

Ref: Part III, # 3, p. 29

NET PRECIPITATION (IN.):

5-15"

Ref: Part III, # 5, p. 30

PHYSICAL STATE:

LIQUIDRef: Part II, Summary # 6
3, p. 23

CONTAINMENT:

POOR(UST; no 2nd containment; documented
soil + GWS contamination)

Ref: Part II, Summary # 6, p. 23

WASTE CHARACTERISTICS

(NOTE: Vinyl Chloride is found in GW @ Summary 6, but was not listed as being stored in the UST.)
(Assume it was stored in 8,000 gallons UST at one time).

CHEMICAL NAME OR WASTE CODE NUMBER:

Ref: Part II Summary # 6, # 5, p. 24

VINYL CHLORIDE

TOXICITY/PERSISTENCE VALUE:

15

Ref: Toxicity Table

QUANTITY KNOWN:

YESCUBIC YARDS OR TONS:
DRUMS**8000 gallons**Ref: Part II, Summary # 6,
2, p. 23

TARGETS

GROUNDWATER USE:

DRINKING

Ref: Part III, # 6, p. 30

DISTANCE TO WELL (MILES):

< 1/2 MILE

Ref: Part III, # 7, p. 30

WS-2 SURFACE WATER ROUTE

RELEASES

IS THERE AN OBSERVED RELEASE? ☒ NOIS THERE A PERMITTED OUTFALL? ☒ YESHAVE THERE BEEN PERMIT VIOLATIONS? ☒ NO

(Note: Contamination has been detected in drainage ditches, but is believed to originate from off site)

ROUTE CHARACTERISTICS

FACILITY LOCATION: W/IN 100 YEAR FLOODPLAIN

24-HOUR RAINFALL: 2.1-3.1

DISTANCE TO SURFACE WATER (MILES): < 1/4 MILE

PHYSICAL STATE: LIQUID

CONTAINMENT: POOR

WASTE CHARACTERISTICS

CHEMICAL NAME OR WASTE CODE NUMBER: COPPER

TOXICITY/PERSISTENCE VALUE: 18

QUANTITY KNOWN? NO

CUBIC YARDS OR TONS:
DRUMS

LIKELY SMALL

(Discharge only occurs in the event of an emergency, but may be as much as 0.04 MGD in such a case)

TARGETS

SURFACE WATER USE: RECREATION

DISTANCE TO INTAKE OR CONTACT POINT (MILES): < 1/2 MILE

DISTANCE TO SENSITIVE ENVIRONMENT (MILES): < 1/2 MILE

WS-3 AIR ROUTE

RELEASES

IS THERE AN OBSERVED, UNPERMITTED, ON-GOING RELEASE? ☒ NO
 (All present ~~present~~ Summus well contained possible air contamination from soil.)
 DOES THE FACILITY HAVE AN AIR OPERATING PERMIT(S)? ☒ YES
 Ref: Part I, #9, P.2

HAVE THERE BEEN ANY PERMIT VIOLATIONS OR ODOR COMPLAINTS BY RESIDENTS?
☒ YES Ref: Part I, #12, Violations, P.5

(Solvents)

CAN CONTAMINANTS MIGRATE INTO AIR?

☒ YES

Ref: Part II, Summu #4, #4, P.18

CONTAINMENT:

☒ FAN

(Previous to present Bldg, outside drum rack)

WASTE CHARACTERISTICS

CHEMICAL NAME OR WASTE CODE NUMBER: ☒ PERCHLOROETHANE
 (potential releases from drums + contaminated soil) Ref: Part II, Summu #4, #4, P.18
 TOXICITY/PERSISTENCE VALUE:

QUANTITY KNOWN?

☒ 3

Ref: Toxicity Table

CUBIC YARDS OR TONS:
 DRUMS

: Unknown.

☒ Likely Small

TARGETS

POPULATION: ☒ RESIDENCES WITHIN 4 MILES

Ref: Part II, #22, P.33

DISTANCE TO SENSITIVE ENVIRONMENT (MILES):

☒ < 1/2 MILE

Ref: Part II, #18, P.33

WS-4 ON SITE CONTAMINATION

ACCESS TO SITE: LIMITED

Ref: Figure 2, Site Map -- does not explicitly show fence or gate, but most summs except surface water outfalls are inaccessible

IS THERE AN OBSERVED SURFACE SOIL CONTAMINATION? YES
Ref: Part II, Summ #4, #4, #6, p. 18+19

CONTAINMENT:

FAIR (Previously, drums outside). Ref: Part II, Summ #4, #4, p. 18

WASTE CHARACTERISTICS

Ref: Part II Summ #4, #7, p. 19
CHEMICAL NAME OR WASTE CODE NUMBER:

~~POLYMER~~ MERCURY

TOXICITY/PERSISTENCE VALUE: 3

Ref: Toxicity Table

TARGETS

Ref: Part III, #22, p. 33
DISTANCE TO RESIDENTIAL AREAS (MILES):

1/2-1 MILE

IS THERE AN ON-SITE SENSITIVE ENVIRONMENT:

NO

Ref: Part III, #18